BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Maintenance of Existing Borewells in Ward No-04 of Yelahanka Satellite Town Sub Division

Estimate Cost Rs. 500000.00

I No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Providing Collar 50 mm Page No. 143, I No.6.5 Vol 5 PWD SR 2021-22	Nos	8				8.00	219.00	**1752.00**
2	Labour charges for Erection of new / repaired submersible pump set along with GI pipes (32mm / 50mm), cable (New submersible pump set if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (Each length = 6 m) Page No. 155, I No.28 Vol 5 PWD SR 2021-22								
	(240/6)=40.00	job	8	40.00			320	151.00	**48320.00**
3	Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Page No. 170, I No.81 Vol 5 PWD SR 2021-22								
	Up to 25HP	Each	8				8	4500.00	**36000.00**
4	Starter 12.5 HP (with one year Guarantee) P No. 10 / I No. 5.22. Electrical SR (2021-22)	Each	5				5	8640.00	**43200.00**
5	Rotor (with one year Guarantee) P No. 93 / I No. 12.33.3C RWS SR (2019-20)	Each	8				8	5175.00	**41400.00**
6	Upper Flange (P No. 93 / I No. 12.33.3D RWS SR (2019-20)	Each	8				8	400.00	**3200.00**
7	Lower Flange (P No. 93 / I No. 12.33.3E RWS SR (2019-20)	Each	8				8	400.00	**3200.00**
8	Upper Housing (P No. 93 / I No. 12.33.3F RWS SR (2019-20)	Each	8				8	724.00	**5792.00**
9	Lower Housing (P No. 93 / I No. 12.33.3G RWS SR (2019-20)	Each	8				8	724.00	**5792.00**
10	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad. P. No. 94 / I No.12.34.A RWS SR (2019-20)	Each	8				8	1137.00	**9096.00**
11	Oil Seal P. No. 93 / I No.12.32.1C RWS SR (2019-20)	Each	8				8	171.00	**1368.00**
12	Oil Seal Steel bush P. No. 152 / I No.12.32.1D RWS SR (2019-20)	Each	8				8	171.00	**1368.00**
13	Guide vane P. No. 93 / I No.12.32.1E RWS SR (2019-20)	Each	162				162	450.00	**72900.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
14	Impeller Shell moulded with aluminium Bronze) P. No. 93 / I No.12.32.1F RWS SR (2019-20)	Each	162				162	682.00	**110484.00**
15	Discharge outlet (D.O) Bearing D.O Steel Bush P. No. 93 / I No.12.32.1G RWS SR (2019-20)	Each	8				8	640.00	**5120.00**
16	Steel bush (D.O steel bush) P. No. 93 / I No.12.32.1I RWS SR (2019-20)	Each	8				8	213.00	**1704.00**
17	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) P. No. 93 / I No.12.32.1K RWS SR (2019-20)	Each	8				8	1281.00	**10248.00**
18	Non – return valve (NRV) assembly complete with rubber 'O' Ring P. No. 93 / I No.12.32.1N RWS SR (2019-20)	Each	8				8	315.00	**2520.00**
19	Cable Guard P. No. 93 / I No.12.32.1O RWS SR (2019-20)	Each	8				8	176.00	**1408.00**
20	Brass Filter P. No. 93 / I No.12.32.1Q RWS SR (2019-20)	Each	8				8	636.00	**5088.00**
21	Re-erection charges of pumping machineries including overhauling and pointing P. No. 93 / I No.12.34.I RWS SR (2019-20)	Each	8				8	1711.00	**13688.00**
								TOTAL	423648.00
								GST 18%	76256.64
								Sub Total	499904.64
								Miscelianeous	95.36
								Total	500000.00

Administrative Sanction for Rs. 5.00 Lakhs Rupees Five lakhs Only is according Under P.3726 Registered as CE ( ) No Subject to conditions contained in enclosed memo No. BBMP/EE/YNK/TS/04/23-24 Dt. 23/8/23

TECHNICALLY SANCTIONED FOR Rs. 5.00 Lakhs Rupees Five Lakhs Only Under P.3726 Registered as CE ( ) No 04 Subject to conditions contained in enclosed memo EE ( ) No 04 Dt. 23/8/23 RBMP/EE/YNK/TS/04/23-24 Dated 23/8/23

Executive Engineer

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.

2 This Estimate is prepared as per C.S.R. of PWD 2021-22 PWD Elecrical 2021-22, PRED 2017 -18& RDED SR 2014-15 & SE RDED approved Rate.

3 The provisions were made in this estimate are necessary and adequate.

4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No-02

Executive Engineer
Yelahanka Division
Bruhat Bangalore Mahanagara Palike

Executive Engineer
Yelahanka Town Sub Division
Bruhat Bangalore Mahanagara Palike